LUDLUM

Ludlum 35

Handheld survey meter

Ludlum 35 – handheld survey meter from Ludlum Measurements.
Weight as specified: 174 g.



Enclosure rating and conditions
IP52 with Audio Hole Seal option (reduces maximum volume by approx. 10 dB) [1]

Weight as specified
174 g [1]

Specifications

DETECTOR

Compatible external detectors	GM, proportional or scintillation detectors (default BNC connector – others available)	[1]

MEASURING RANGE

Response time	User-selectable from 1 to 60 seconds, auto-response rate FAST or SLOW, o r Fixed FAST and SLOW	[1]

ELECTRONICS & SIGNAL

Detector bias	400 to 1500 Vdc	[1]

CONNECTIVITY & INTERFACE

Display range	0.0 cps–99.9 kcps; 0.00 cpm–999 kcpm; 0.00 Bq–99.9 kBq; 0.00 dpm–999 kdpm; 0.00 µR/h–999 R/h; 0.00 µrem/h–999 rem/h; 0.00 µSv/h–999 Sv/h	[1]

POWER & BATTERY

Power supply	Internal: two alkaline or two rechargeable “AAA” batteries; external: 10 to 24 V through optional powered mount	[1]
Battery life and conditions	Approximately 100 hours of operation	[2]

MECHANICAL

Dimensions (H × W × L)	8.5 x 8.0 x 4.8 cm	[1]
Weight as specified	174 g	[1]

ENVIRONMENT & RATINGS

perating temperature	-20 to 50 °C	[1]
Enclosure rating and conditions	IP52 with Audio Hole Seal option (reduces maximum volume by approx. 10 dB)	[1]

Sources

[1] **Model 35 – Vehicle-Mounted Digital Survey Meter**
Ludlum Measurements · product-page · Specifications tab, 'Compatible Detectors'; Specifications tab, 'High Voltage'; Specifications tab, 'Power' · checked 2026-10-16
https://ludlums.com/products/all-products/product/model-35

[2] **Model 35 Vehicle Radiation Monitor**
Ludlum Measurements · datasheet · Specifications, 'BATTERY LIFE' · checked 2026-10-16
https://ludlums.com/images/data_sheets/M35.pdf

Every value is taken from the manufacturer’s own document; the number after the value refers to the source list. Always check against the latest datasheet before ordering.

The data comes from the manufacturer’s published documents. Manufacturers may change specifications; the current configuration and performance are confirmed in the quotation.